Republic of the Philippines

**CAVITE STATE UNIVERSITY**

**Don Severino de las Alas Campus**

Indang, Cavite

**COLLEGE OF ENGINEERING AND INFORMATION TECHNOLOGY**

**Department of Information Technology**

**LABORATORY EXERCISE 6**

HTML Basics and Hyperlink

|  |  |
| --- | --- |
| Name of Student: | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Course/Year & Section: | BS in Computer Science 1-\_\_ |

**LEARNING OBJECTIVES**

This activity aims the students to:

1. create and design a webpage using physical tags; and
2. apply styling in the webpages.

**INSTRUCTION**

Create activities using Notepad. Type the title, heading, and body of your HTML document. Create a folder in the Desktop directory of your PC. Save your work as <surname>\_lab6.1.html to the created folder.

Using your web browser, open your HTML document.

**ACTIVITY A**

**THE COULOMB’S LAW**

**by <Insert your full name>**

The relationship of the electrical force between two charged objects, the charge of each object and the distance between charges is summarized in **Coulomb’s Law**.

Just like in Newton’s Law of Gravitation, the Coulomb’s Law follows a similar relationship for the electrical force, charges and their distances. French physicist, Charles Coulomb, discovered this law during the eighteenth century. **Coulomb’s Law** states, “***the force between two charges is proportional to the product of the charges and is inversely proportional to the square of the distance between them***”.

**Fe = K (QA Q B/ s2)**

where;

**Fe** = electrical force

**QA** = charge A charge of one particle

**QB** = charge B charge of other particle

**s** = distance between two charges

**K** = proportionally constant

The proportionally constant **k** in this law is also similar to **G** in Newton’s Law of Gravitation. Only instead of being a very small number, the electrical proportionally **k** is very big number. We round it off, it is equal to:

**K = 9,000,000,000 N-m2 / c2**

**K = 9 X 109 N-m2 / c2**

**ACTIVITY B.** Save the documents to your folder *(for this activity, 3 webpages)*

**ALLRECIPES.COM**

This page contains recipes for simple but delicious dishes for you.

Created by <Insert your full name>

**Broiler S’mores**

**Sushi Salad**

**Save as:** <surname>\_labB1.html

**BROILER S’MORES**

***Ingredients:***

* 4 graham crackers
* milk chocolate candy bars
* 12 marshmallows

***Procedure:***

1. Preheat the oven broiler. Line a small pan with aluminum foil and lightly coat with cooking spray.
2. Break the graham crackers in half and lay 4 of the squares out on a serving plate. Break the candy bars in half and lay one piece on each of the graham crackers on the plate.
3. Arrange the marshmallows in a single layer in the prepared pan.
4. Broil the marshmallows until the tops brown, turn the marshmallows to brown the undersides. Keep a close eye on the marshmallows so they do not burn. They will brown very quickly.
5. Remove the marshmallows from the pan and place three on each of the chocolate squares. Top with the remaining graham cracker halves.

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**Save as:** <surname>\_labB2.html

**SUSHI SALAD**

***Ingredients:***

* 1/2 avocado
* 10-15 imitation crab sticks (you can get these at Lotte)
* 1/2 cucumber

***Procedure:***

Cut avocado into medium-thin, medium-long pieces. Then, break the imitation crab sticks into thin strips. (The strips will peel off easily) Then, cut the cucumber into thin strips. Mix all of the ingredients, and then it's done!

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**Save as:** <surname>\_labB3.html

**HTML ACTIVITY 1**

Code:

Screenshots:

**HTML ACTIVITY 2**

Code:

Screenshots: